

Title: Separation Techniques (Homework assignment)-Student's Copy

## **Separation Techniques**

**Prompt:** You are given a DRY mixture of sand, iron filings (small, flakes of iron the size of coarse pepper particles), table salt and Styrofoam<sup>TM</sup> beads.

**Directions for writing:** Using standard supplies and equipment found in the science laboratory, describe the procedure one would follow to produce four individual **DRY** piles, each containing ONE of the mixture's components. Please note that the iron filings, the grains of sand and the salt crystals are roughly the same size.

